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International Specialists in the Environmental Sciences

DATE: December 22, 1981

TO: File

FROM: Anne C. Sause/Michael Gifford *ACS*SUBJECT: Michigan/TDD #F5-8112-03
Hamlin Road Sites
Traverse City/Tar Lake

Pursuant to TDD #F5-8112-03, Robert Wachsmuth, and the authors compiled background information on the Hamlin Road sites and Tar Lake, December 16 and 17, 1981. Off-site reconnaissance of the Hamlin Road sites was also conducted, however, a survey of Tar Lake was precluded due to time constraints and distance from Detroit. Our primary contacts in the Michigan Department of Natural Resources (MDNR) were Garth Aslakson, Groundwater Compliance and Special Studies Section, Lansing (517-373-8147); and Larry Aubuchon, Resource Recovery Division, Detroit (313-368-3335). Future correspondence with the Resources Recovery Division should be through Valerie Burgess.

The following background information and data were obtained:

- a) Water well logs
- b) Topographic maps
- c) Soil boring logs
- d) Data on groundwater and surface water quality
- e) County soil surveys (The Hamlin Road sites are in two counties, Macomb and Oakland. A published soil survey is not yet available for Oakland County, however, soil information can be obtained from the Soil Conservation Services)
- f) Pertinent hydrogeologic information - when available
- g) Site monitoring well logs and sample results
- h) Preliminary ownership information

A general windshield survey of the Hamlin Road sites was conducted December 17, 1981 during which site sketches and photographs were compiled. Other relevant data and observation were also compiled.

During the file review and off-site survey, four additional Hamlin Road sites were encountered that were not listed on the original TDD, bringing the total to ten. In addition, the volume of available file information was more than anticipated. Consequently, follow-up data collection may be necessary.

AC-MG/11s

Stan's
Downgradient Wells from Stan's (S + E) are of ^{relative} good quality.

§ Contaminated wells show High Nitrate, ammonia;
TDS + COD are high

8-10 private wells "contaminated by leachate".
(handdriven to 15 or 20 ft)

Stan's Landfill = JFONS Landfill (~~???~~) ; Six Star Ltd.
took over in ^{July} 1976, began in '66

Samples from Aug. '75 clearly indicate leachate in
Honeywell Drain.

* Dennis Leonard, now in ^{Geologic Survey Div.} Pointe Mouillee Office, formerly Solid
Waste Mngmnt Div.

Groundwater flow direction varies from site to site due
to ~~excav~~ ^{excav}ation of soils and construction of dikes +
underdrains.

Contaminated wells are along Parke + School Roads

L.F. "believed to be under 8 feet of water."

* MAL Ent. & landfills took foundry wastes from Jones +
Laughlin

* Leachate on western bank of Detroit Sportsmen Congress
1/4 N-NE of Dequindre + Hamlin Rd.

Stan's closed in June 1975 (still in '76) ; "Sandfill" active